

Enfermedad Metastática con alteraciones driver: EGFR

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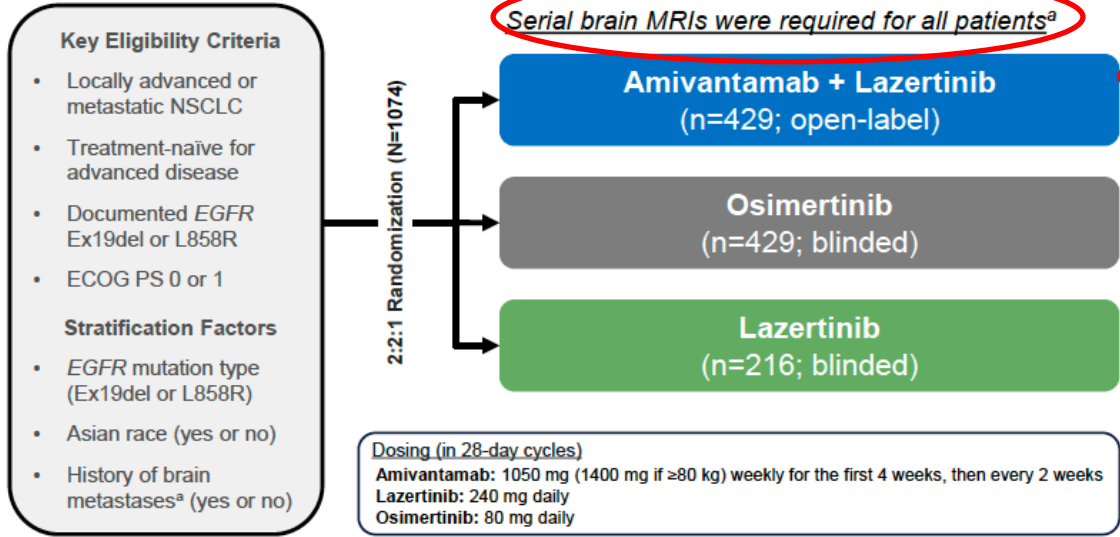
Primera línea en paciente EGFRm

MARIPOSA

Amivantamab Plus Lazertinib Versus Osimertinib as First-line Treatment in EGFR-mutated Advanced NSCLC

Primary Results from MARIPOSA, a Phase 3, Global, Randomized, Controlled Trial

Byoung Chul Cho,¹ Enriqueta Felip,² Alexander I. Spira,³ Nicolas Girard,⁴ Jong-Seok Lee,⁵ Se-Hoon Lee,⁶ Yuriy Ostapenko,⁷ Pongwut Danchaiwitt,⁸ Baogang Liu,⁹ Adilinda Alip,¹⁰ Ernesto Korbenfeld,¹¹ Josiane Mourão,¹² Tao Sun,¹³ Melissa Martinez,¹³ Joshua M. Bauml,¹⁴ S. Martin Shreeve,¹⁵ Seema Sethi,¹⁴ Roland E. Knoblauch,¹⁴ Hidetoshi Hayashi,¹⁶ Shun Lu¹⁷



Primary endpoint of progression-free survival (PFS)^b by BICR per RECIST v1.1:

- Amivantamab + lazertinib vs osimertinib

Secondary endpoints of amivantamab + lazertinib vs osimertinib:

- Overall survival (OS)^b
- Objective response rate (ORR)
- Duration of response (DoR)
- PFS after first subsequent therapy (PFS2)
- Symptomatic PFS^c
- Intracranial PFS^c
- Safety

Lazertinib monotherapy arm was included to assess the contribution of components

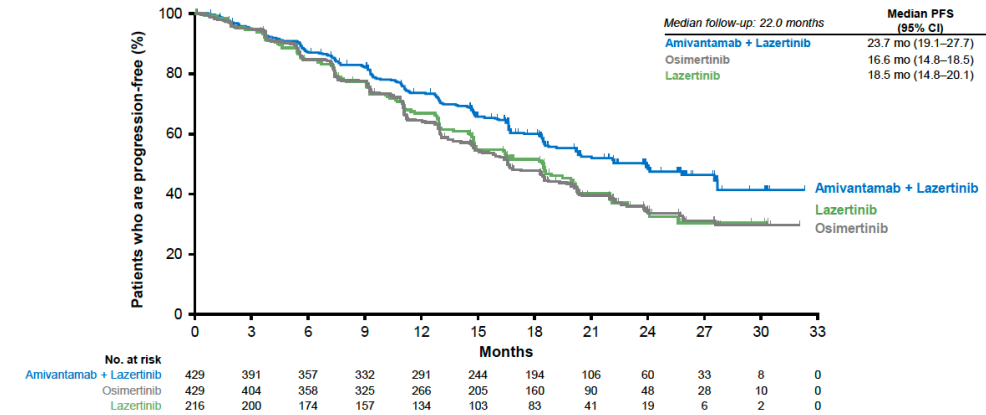
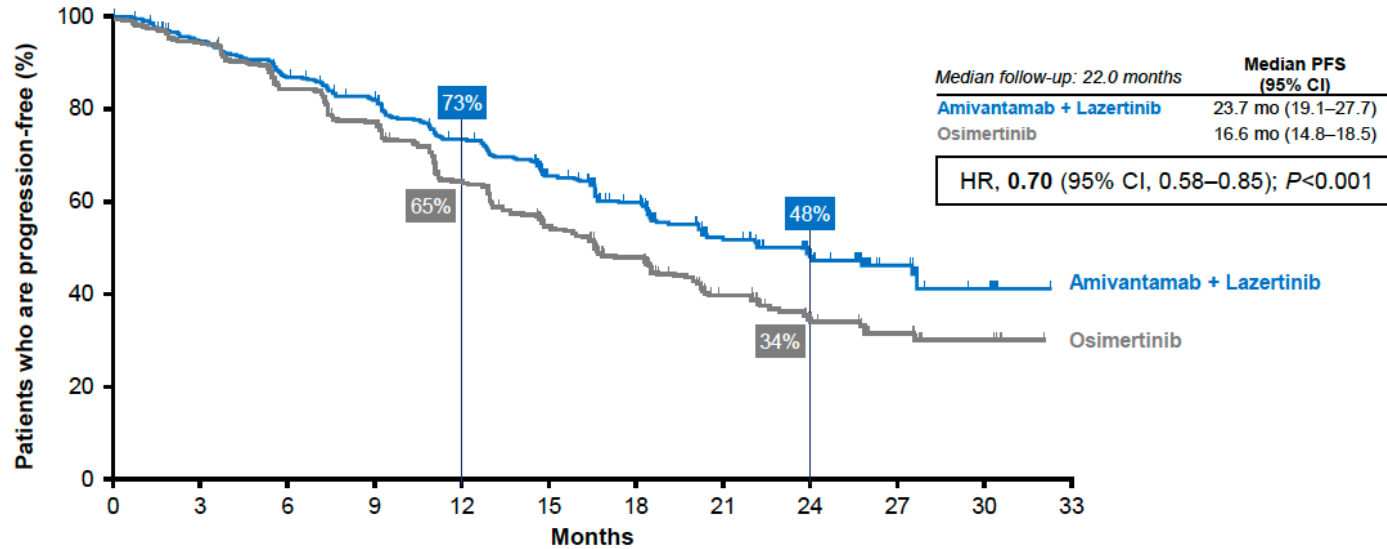
Characteristic, n (%)	Amivantamab + Lazertinib (n=429)	Osimertinib (n=429)	Lazertinib (n=216)
Median age, years (range)	64 (25-88)	63 (28-88)	63 (31-87)
Female	275 (64)	251 (59)	136 (63)
Race			
Asian	250 (58)	251 (59)	128 (59)
White	164 (38)	165 (38)	79 (37)
Other ^a	15 (3)	13 (3)	9 (4)
ECOG PS 1	288 (67)	280 (65)	140 (65)
History of smoking	130 (30)	134 (31)	73 (34)
History of brain metastases	178 (41)	172 (40)	86 (40)
<i>EGFR</i> mutation type ^b			
Ex19del	258 (60)	257 (60)	131 (61)
L858R	172 (40)	172 (40)	85 (39)
Adenocarcinoma subtype	417 (97)	415 (97)	212 (98)



Primera línea en paciente EGFRm

MARIPOSA

Primary Endpoint: PFS by BICR



No. at risk	0	3	6	9	12	15	18	21	24	27	30	33
Amivantamab + Lazertinib	429	391	357	332	291	244	194	106	60	33	8	0
Osimertinib	429	404	358	325	266	205	160	90	48	28	10	0

Lazertinib mostró similar eficacia al osimertinib

Amivantamab + Lazertinib reduce en un 30% el riesgo de progression y aumenta en 7 meses la mPFS: 23.7 vs 16.6 m

Primera línea en paciente EGFRm

MARIPOSA

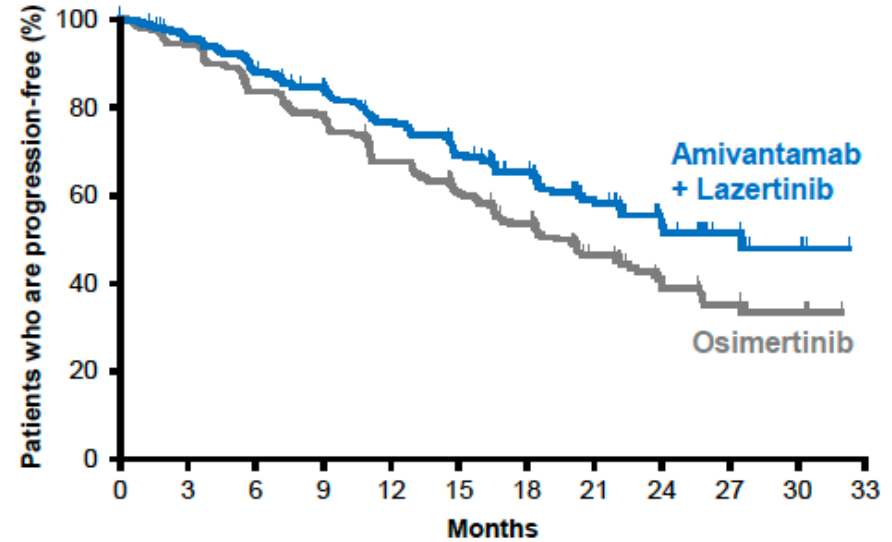
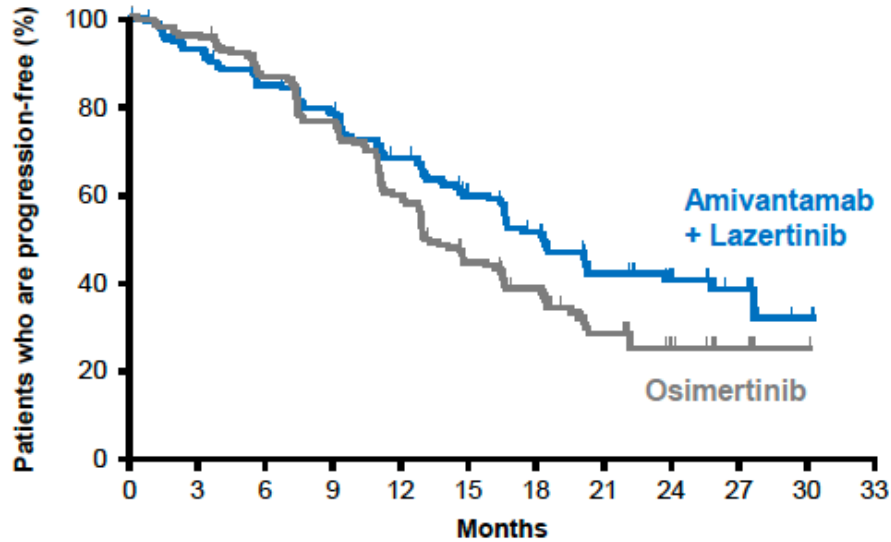
Beneficio similar en pacientes con y sin MTS cerebrales

<u>With</u> History of Brain Metastases	Median PFS (95% CI)
Amivantamab + Lazertinib	18.3 mo (16.6–23.7)
Osimertinib	13.0 mo (12.2–16.4)

<u>Without</u> History of Brain Metastases	Median PFS (95% CI)
Amivantamab + Lazertinib	27.5 mo (22.1–NE)
Osimertinib	19.9 mo (16.6–22.9)

HR, 0.69 (95% CI, 0.53–0.92)

HR, 0.69 (95% CI, 0.53–0.89)



No. at risk	0	3	6	9	12	15	18	21	24	27	30	33
Amivantamab + Lazertinib	178	162	146	134	115	92	71	34	24	12	3	0
Osimertinib	172	164	146	126	95	64	47	21	11	6	1	0

No. at risk	0	3	6	9	12	15	18	21	24	27	30	33
Amivantamab + Lazertinib	251	229	211	198	176	152	123	72	36	21	5	0
Osimertinib	257	240	212	199	171	141	113	69	37	22	9	0

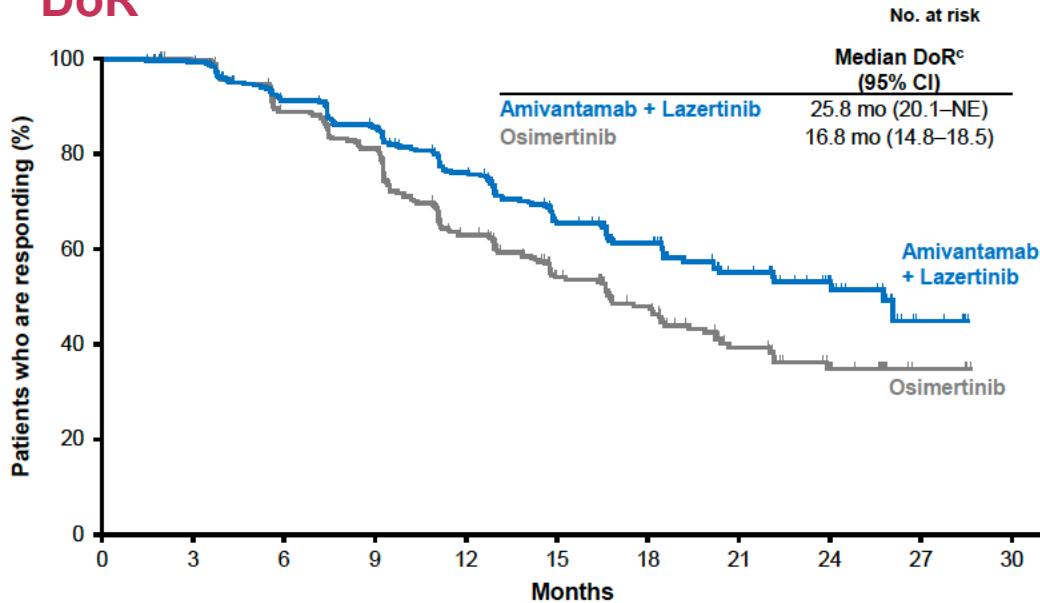
Primera línea en paciente EGFRm

MARIPOSA

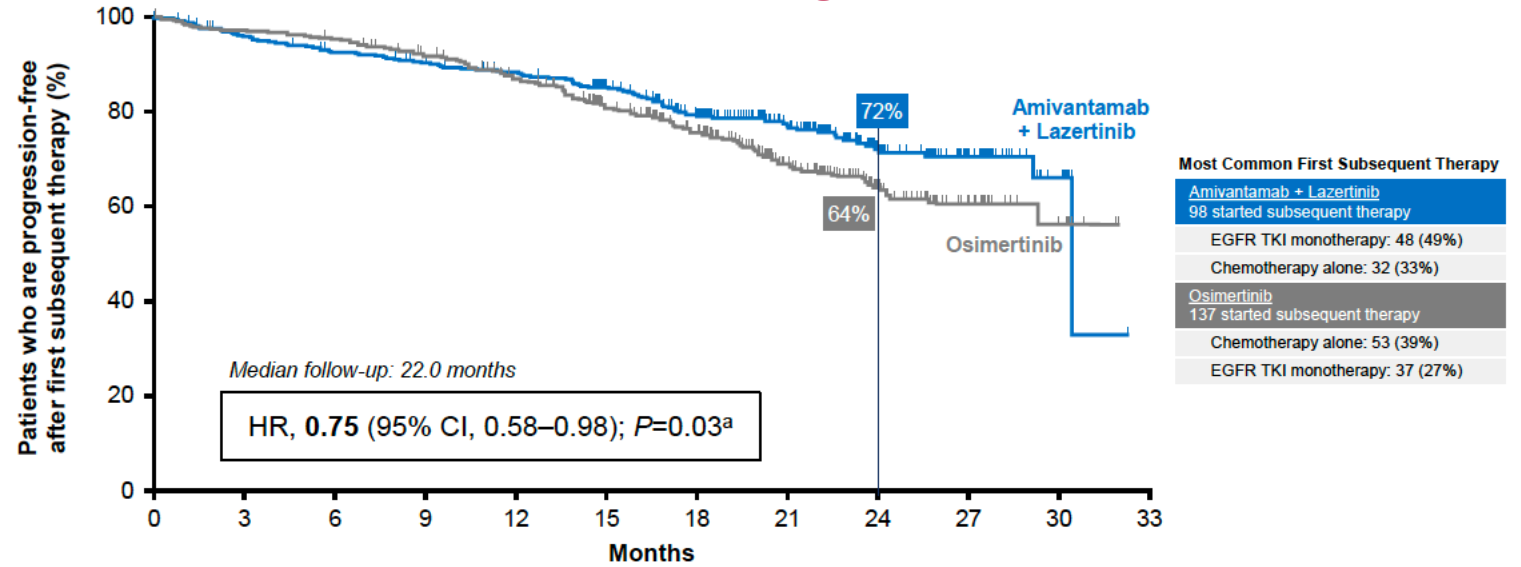
ORR

BICR-assessed response, n (%) ^a	Amivantamab + Lazertinib (n=429)	Osimertinib (n=429)
ORR		
All responders	86% (95% CI, 83–89)	85% (95% CI, 81–88)
Confirmed responders	80% (95% CI, 76–84)	76% (95% CI, 71–80)
Best response ^b		
CR	29 (7)	15 (4)
PR	334 (79)	335 (81)
SD	30 (7)	42 (10)
PD	7 (2)	11 (3)
NE/UNK	21 (5)	11 (3)
Ongoing responses	209 of 336 (62%)	151 of 314 (48%)

DoR



PFS2



Ami+Lazer reduce el riesgo de la 2ª progression en un 25%

Datos de OS inmaduros, no diferencias significativas

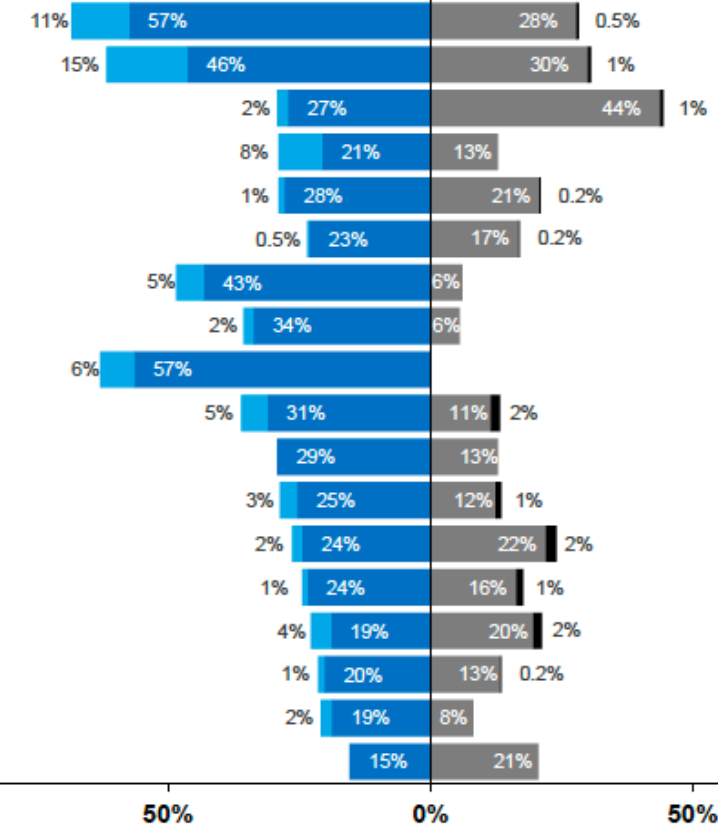
Primera línea en paciente EGFRm

MARIPOSA: Efectos adversos

TEAE, n (%)	Amivantamab + Lazertinib (n=421)	Osimertinib (n=428)
Any AE	421 (100)	425 (99)
Grade ≥3 AEs	316 (75)	183 (43)
Serious AEs	205 (49)	143 (33)
AEs leading to death	34 (8)	31 (7)
Any AE leading to treatment:		
Interruptions of any agent	350 (83)	165 (39)
Reductions of any agent	249 (59)	23 (5)
Discontinuations of any agent	147 (35)	58 (14)

Most common TEAEs (≥20%) by preferred term, n (%)

Related to EGFR inhibition	Paronychia	11%	57%	28%	0.5%
	Rash	15%	46%	30%	1%
	Diarrhea	2%	27%	44%	1%
	Dermatitis acneiform	8%	21%	13%	
	Stomatitis	1%	28%	21%	0.2%
Related to MET inhibition	Pruritus	0.5%	23%	17%	0.2%
	Hypoalbuminemia	5%	43%	6%	
Other	Peripheral edema	2%	34%	6%	
	IRR	6%	57%		
	ALT increased	5%	31%	11%	2%
	Constipation		29%	13%	
	AST increased	3%	25%	12%	1%
	COVID-19	2%	24%	22%	2%
	Decreased appetite	1%	24%	16%	1%
	Anemia	4%	19%	20%	2%
	Nausea	1%	20%	13%	0.2%
	Hypocalcemia	2%	19%	8%	
Cough		15%	21%		



■ Amivantamab + Lazertinib: grade 1-2
■ Amivantamab + Lazertinib: grade ≥3
■ Osimertinib: grade 1-2
■ Osimertinib: grade ≥3

Treatment-related AEs leading to discontinuations of all agents occurred in 10% of patients treated with amivantamab + lazertinib and 3% with osimertinib

VTE 37% vs 9%
 La mayoría grado 1-2
 Discontinuación 3% vs 0.5%
 Inicio más temprano

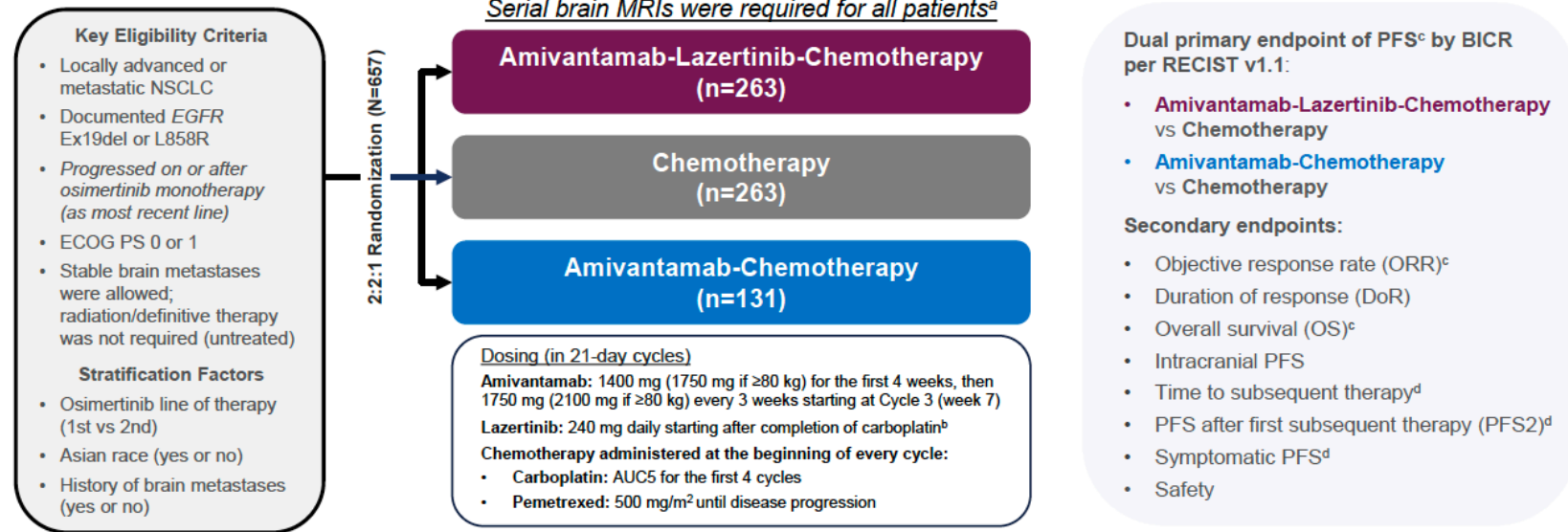
2ª línea en pacientes EGFRm. Progresión a osimertinib

Ensayo MARIPOSA 2

Amivantamab Plus Chemotherapy (With or Without Lazertinib) vs Chemotherapy in EGFR-mutated, Advanced NSCLC After Progression on Osimertinib
MARIPOSA-2, a Phase 3, Global, Randomized, Controlled Trial

Antonio Passaro,¹ Byoung Chul Cho,² Yongsheng Wang,³ Barbara Melosky,⁴ Raffaele Califano,⁵ Se-Hoon Lee,⁶ Nicolas Girard,⁷ Karen Reckamp,⁸ Toshiaki Takahashi,⁹ Enriqueta Felip,¹⁰ Ryan D. Gentzler,¹¹ Sanjay Popat,¹² William Nassib William Jr,¹³ Tao Sun,¹⁴ Sujay Shah,¹⁵ Brooke Diorio,¹⁶ Roland E. Knoblauch,¹⁵ Joshua M. Bauml,¹⁵ Rosario Garcia Campelo,¹⁷ Jie Wang¹⁸

Study Design



Aumento de SAE en el brazo A (Ami+Lazer+Ch) → No empezar Lazer hasta finalizar el carboplatino

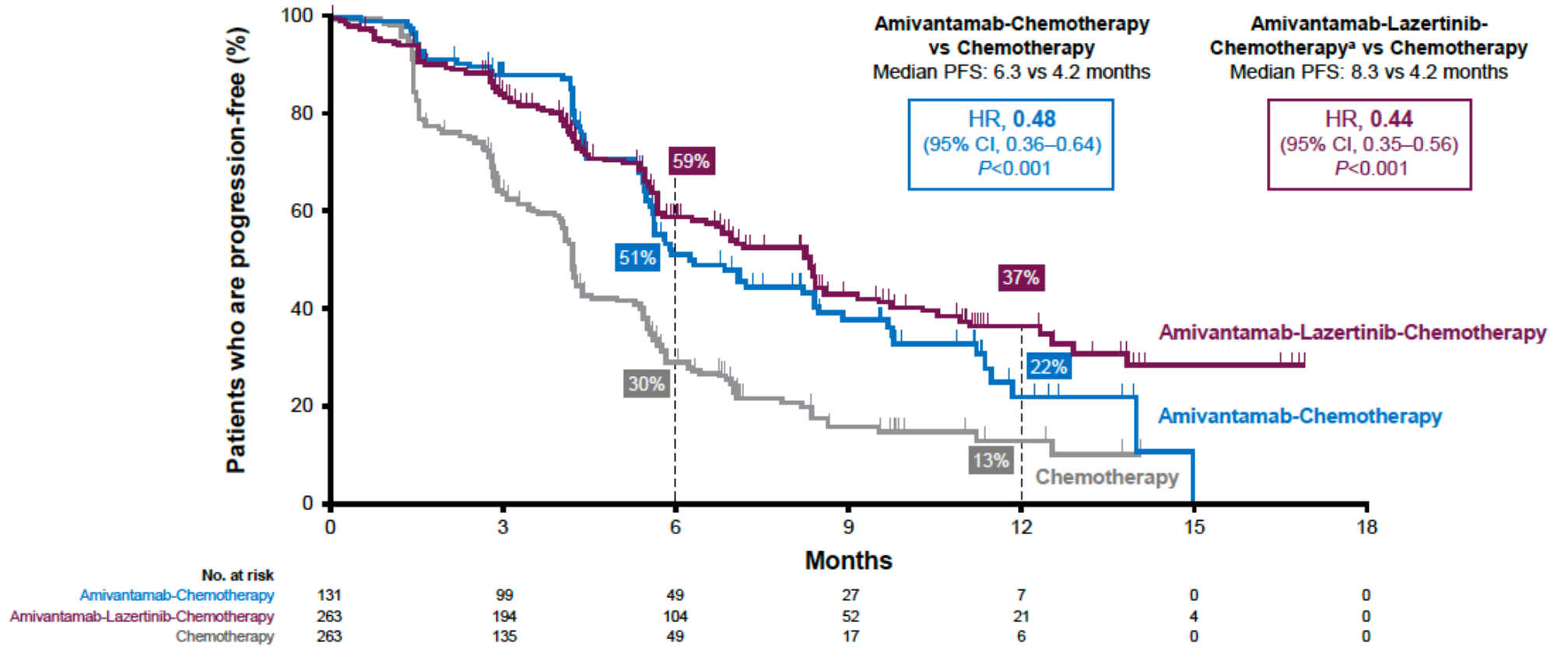


2ª línea en pacientes EGFRm. Progresión a osimertinib

Ensayo MARIPOSA 2: Eficacia

Primary Endpoint: PFS by BICR

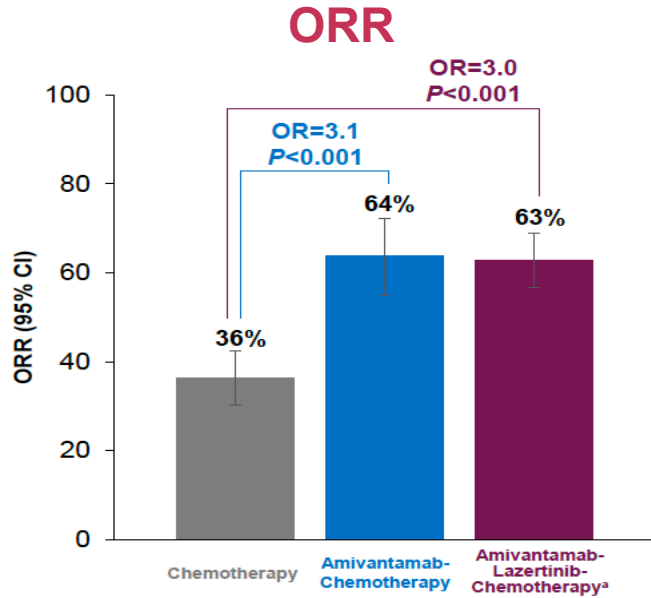
48% Asian
 46% Brain Mts
 70% Osi 1L
 70% Ex19del



Consistent PFS benefit by investigator: HR, 0.41 (8.2 vs 4.2 mo; P<0.001^b) & HR, 0.38 (8.3 vs 4.2 mo; P<0.001^b)

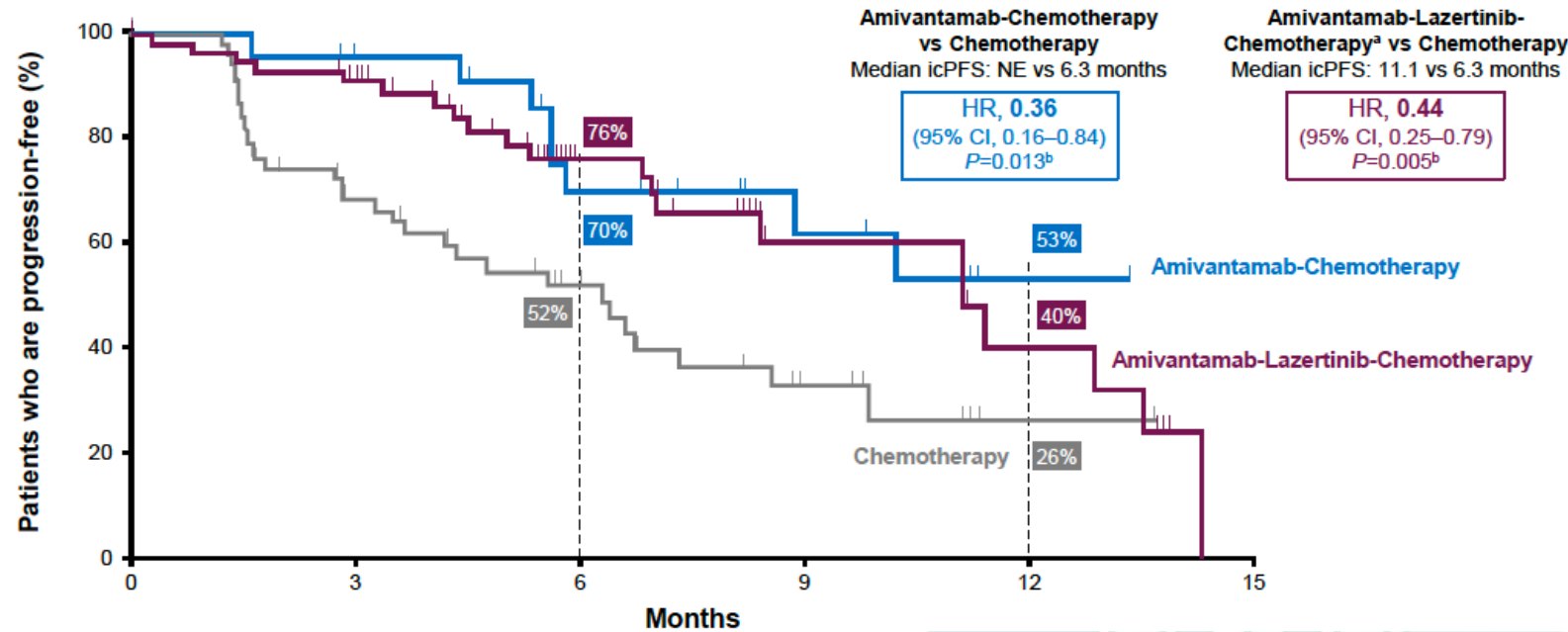
2ª línea en pacientes EGFRm. Progresión a osimertinib

Ensayo MARIPOSA 2: Eficacia



BICR-assessed Response, n (%) ^b	Chemotherapy (n=263)	Amivantamab-Chemotherapy (n=131)	Amivantamab-Lazertinib-Chemotherapy (n=263)
Best Response			
CR	1 (0.4)	2 (2)	6 (2)
PR	93 (36)	81 (62)	157 (61)
SD	82 (32)	30 (23)	61 (24)
PD	52 (20)	10 (8)	14 (5)
NE/UNK	32 (12)	7 (5)	21 (8)
Median DoR ^c	5.6 mo (95% CI, 4.2–9.6)	6.9 mo (95% CI, 5.5–NE)	9.4 mo (95% CI, 6.9–NE)

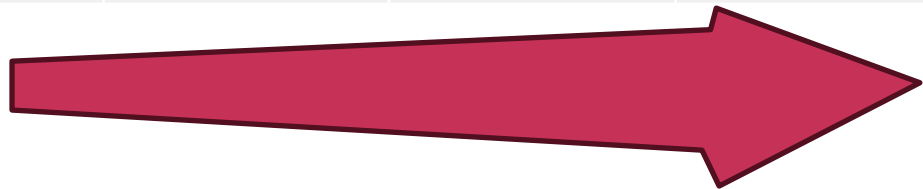
Intracranial PFS by BICR in patients with and without BM



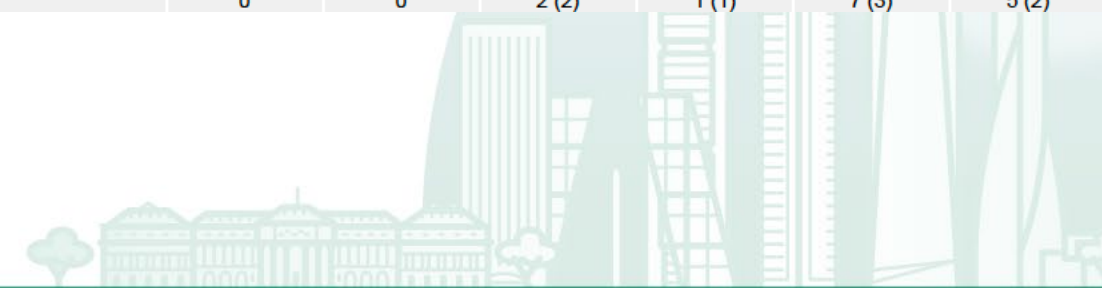
2ª línea en pacientes EGFRm. Progresión a osimertinib

Ensayo MARIPOSA 2: Efectos Adversos

	Chemotherapy (n=243)	Amivantamab-Chemotherapy (n=130)	Amivantamab-Lazertinib-Chemotherapy ^a (n=263)
Treatment duration, median (range)	3.7 months (0-15.9)	6.3 months (0-14.7)	5.7 months (0.1-18.6)
No. of chemotherapy cycles, median (range)			
Carboplatin	4 (1-5)	4 (1-4)	4 (1-4)
Pemetrexed	6 (1-23)	9 (1-22)	7 (1-25)
TEAE, n (%)	Chemotherapy (n=243)	Amivantamab-Chemotherapy (n=130)	Amivantamab-Lazertinib-Chemotherapy ^a (n=263)
Any AEs	227 (93)	130 (100)	263 (100)
Grade ≥3 AEs	117 (48)	94 (72)	242 (92)
Serious AEs	49 (20)	42 (32)	137 (52)
AEs leading to death	3 (1)	3 (2)	14 (5)
Any AE leading to treatment:			
Interruptions of any agent	81 (33)	84 (65)	202 (77)
Reductions of any agent	37 (15)	53 (41)	171 (65)
Discontinuations of any agent	9 (4)	24 (18)	90 (34)
Discontinuations of all agents due to AE	10 (4)	14 (11)	38 (14)



Most common TEAEs (≥25%) by preferred term, n (%)	Chemotherapy (n=243)		Amivantamab-Chemotherapy (n=130)		Amivantamab-Lazertinib-Chemotherapy ^a (n=263)	
	All grades	Grade ≥3	All grades	Grade ≥3	All grades	Grade ≥3
Associated with EGFR inhibition						
Paronychia	1 (0.4)	0	48 (37)	3 (2)	133 (51)	11 (4)
Rash	12 (5)	0	56 (43)	8 (6)	126 (48)	17 (6)
Stomatitis	21 (9)	0	41 (32)	1 (1)	120 (46)	24 (9)
Diarrhea	16 (7)	1 (0.4)	18 (14)	1 (1)	68 (26)	10 (4)
Associated with MET inhibition						
Hypoalbuminemia	21 (9)	1 (0.4)	29 (22)	3 (2)	104 (40)	12 (5)
Peripheral edema	15 (6)	0	42 (32)	2 (2)	85 (32)	1 (0.4)
Associated with Chemotherapy						
Neutropenia	101 (42)	52 (21)	74 (57)	59 (45)	181 (69)	144 (55)
Thrombocytopenia	72 (30)	22 (9)	57 (44)	19 (15)	158 (60)	96 (37)
Anemia	97 (40)	23 (9)	51 (39)	15 (12)	141 (54)	48 (18)
Leukopenia	68 (28)	23 (9)	37 (28)	26 (20)	106 (40)	71 (27)
Other						
Infusion-related reaction	1 (0.4)	0	76 (58)	7 (5)	148 (56)	9 (3)
Nausea	90 (37)	2 (1)	58 (45)	1 (1)	131 (50)	16 (6)
Constipation	72 (30)	0	50 (38)	1 (1)	96 (37)	3 (1)
Decreased appetite	51 (21)	3 (1)	40 (31)	0	85 (32)	7 (3)
Vomiting	42 (17)	1 (0.4)	32 (25)	1 (1)	76 (29)	10 (4)
Fatigue	47 (19)	4 (2)	36 (28)	4 (3)	69 (26)	15 (6)
Asthenia	40 (16)	5 (2)	34 (26)	1 (1)	67 (25)	14 (5)
Alanine aminotransferase increased	67 (28)	10 (4)	26 (20)	7 (5)	55 (21)	14 (5)
AESIs by grouped term, n (%)						
Rash ^b	30 (12)	0	92 (71)	13 (10)	197 (75)	40 (15)
VTE ^c	11 (5)	7 (3)	13 (10)	3 (2)	58 (22)	17 (6)
ILD	0	0	2 (2)	1 (1)	7 (3)	5 (2)



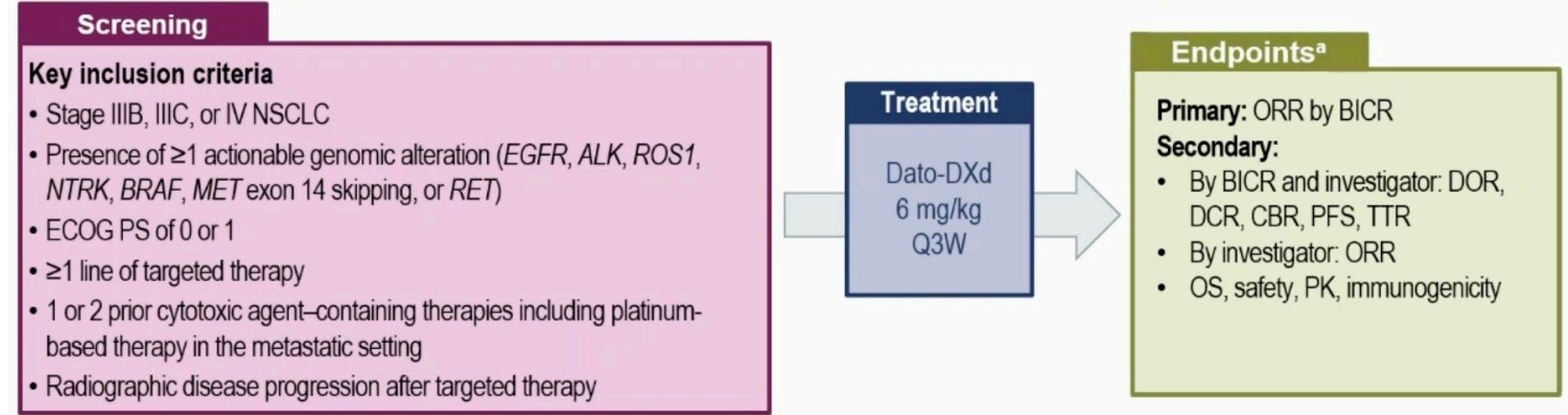
2ª línea en pacientes EGFRm. Progresión a osimertinib

TROPION-Lung 05

Diseño: Fase 2

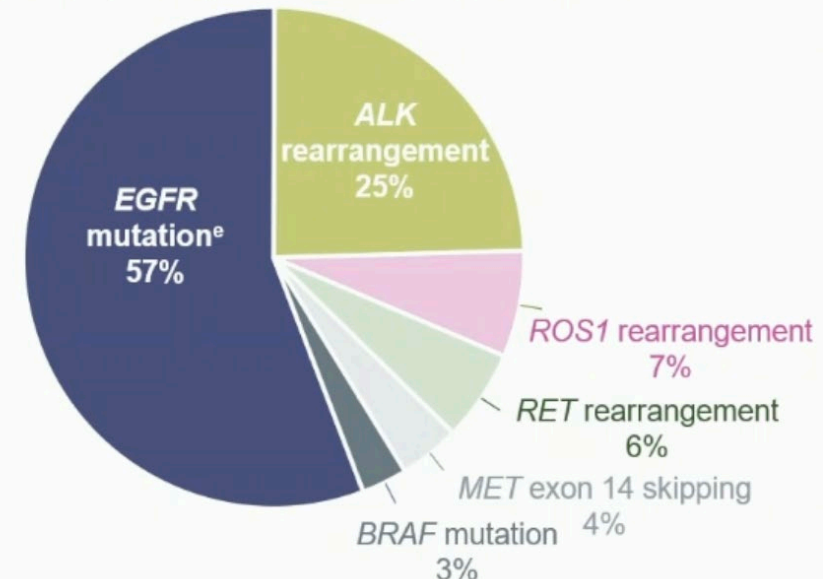
TROPION-Lung05: Datopotamab deruxtecan (Dato-DXd) in previously treated non-small cell lung cancer with actionable genomic alterations

Luis Paz-Ares,¹ Myung-Ju Ahn,² Aaron Lisberg,³ Satoru Kitazono,⁴ Byoung Chul Cho,⁵ George Blumenschein Jr,⁶ Elaine Shum,⁷ Elvire Pons Tostivint,⁸ Yasushi Goto,⁹ Kiyotaka Yoh,¹⁰ Rebecca Heist,¹¹ Paul Baas,¹² David Planchard,¹³ Maurice Pérol,¹⁴ Enriqueta Felip,¹⁵ Wu-Chou Su,¹⁶ Hong Zebger-Gong,¹⁷ Lan Lan,¹⁸ Chelsea Liu,¹⁸ Jacob Sands¹⁹



Demographic characteristics	Dato-DXd (N=137)
Median age (range), years	60 (29-79)
Female, n (%)	83 (61)
Histology, n (%)	
Adenocarcinoma	130 (95)
History of brain metastasis, n (%) ^a	70 (51)
Median prior lines of therapy for adv/met disease	3
Prior lines of therapy, n (%)	137 (100)
≥3 prior lines of therapy for adv/met disease	98 (72)
Prior platinum chemotherapy	137 (100)
Prior anti-PD-1/anti-PD-L1 immunotherapy	49 (36)
≥2 prior lines of targeted therapies for indicated genomic alteration	82 (60)

Relative Frequency of Genomic Alterations^{b-d}



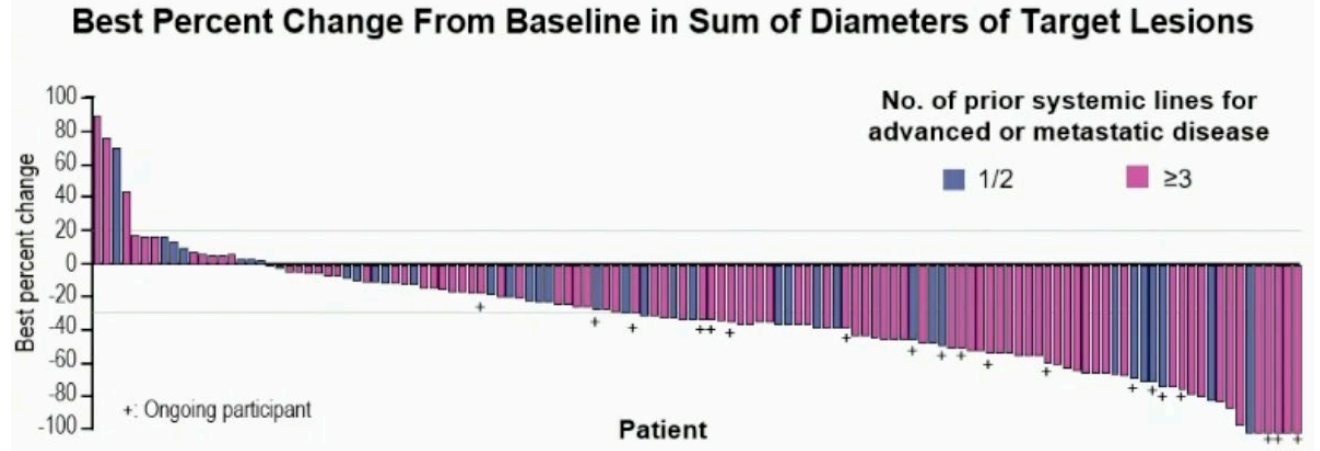
2ª línea en pacientes EGFRm. Progresión a osimertinib

TROPION-Lung 05: Eficacia y seguridad

Response per BICR	All treated patients (N=137)	Patients with EGFR mutations (N=78)	Patients with ALK rearrangement (N=34)
ORR confirmed, n (%) [95% CI]^a	49 (35.8) [27.8-44.4]	34 (43.6) [32.4-55.3]	8 (23.5) [10.7-41.2]
Median DOR (95% CI), months	7.0 (4.2-9.8)	7.0 (4.2-10.2)	7.0 (2.8-8.4)
DCR confirmed, n (%) [95% CI]^a	108 (78.8) [71.0-85.3]	64 (82.1) [71.7-89.8]	25 (73.5) [55.6-87.1]
Median PFS, (95% CI), months^b	5.4 (4.7-7.0)	5.8 (5.4-8.3)	4.3 (2.6-6.9)

BOR: In the overall population (N=137), 4 patients (3%) achieved a CR and 45 (33%) achieved a PR

EGFR subset: Among patients with sensitizing or T790M mutations (N=68), the ORR was 49.1% in those previously treated with osimertinib



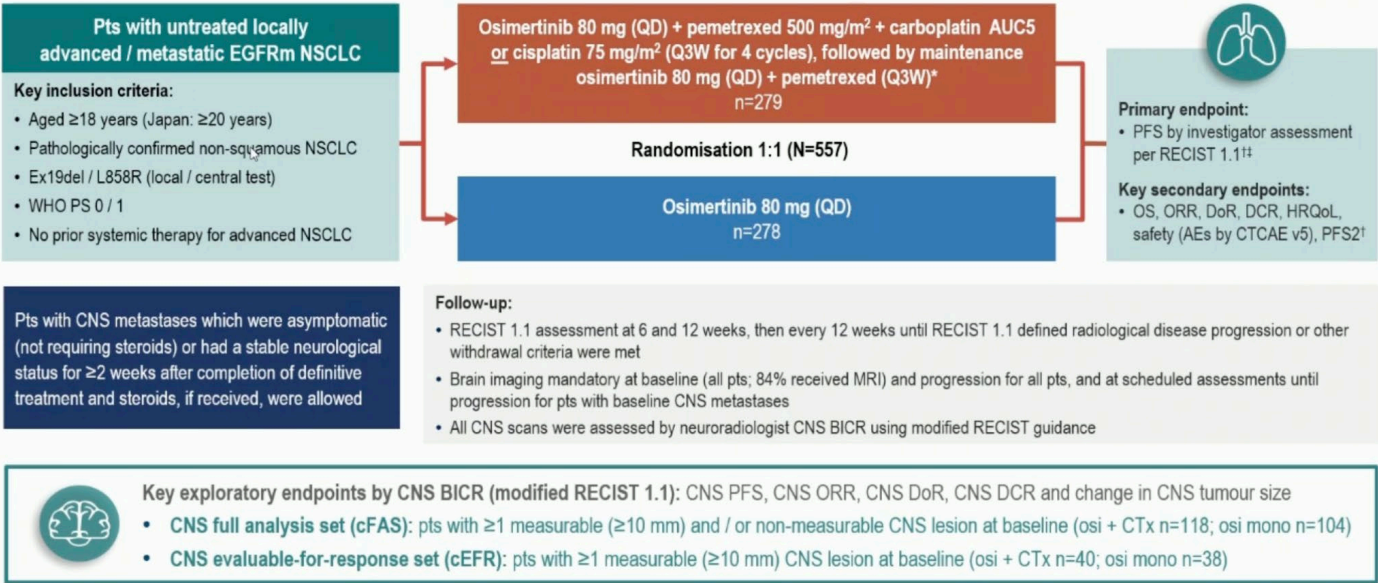
22% dose reduction, 10% withdrawal, 2% death

AESI Incidence by Grade^d

n (%)	Total	Grade 1	Grade 2	Grade ≥3
Oral mucositis/stomatitis	90 (66)	45 (33)	30 (22)	15 (11)
Ocular surface toxicity^e	36 (26)	26 (19)	7 (5)	3 (2) ^f
IRR	22 (16)	15 (11)	7 (5)	0
Adjudicated drug-related ILD	5 (4)	1 (1)	3 (2)	1 (1) ^g

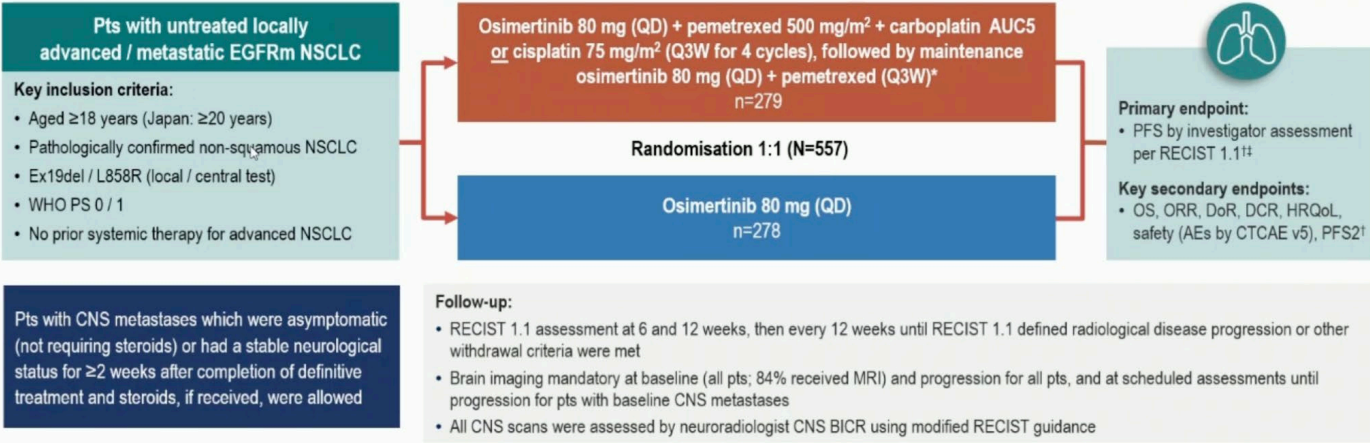
EGFR - Poblaciones especiales: MTS SNC

FLAURA 2: Fase 3



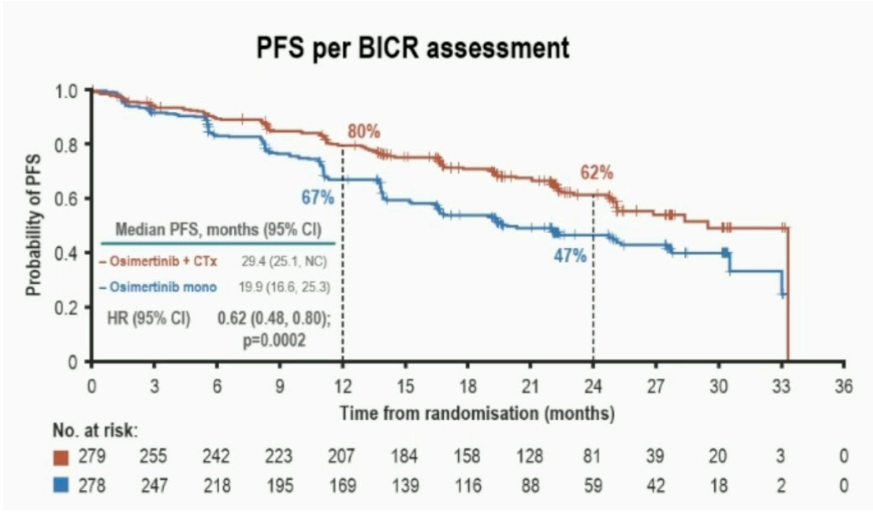
EGFR - Poblaciones especiales: MTS SNC

FLAURA 2: Fase 3



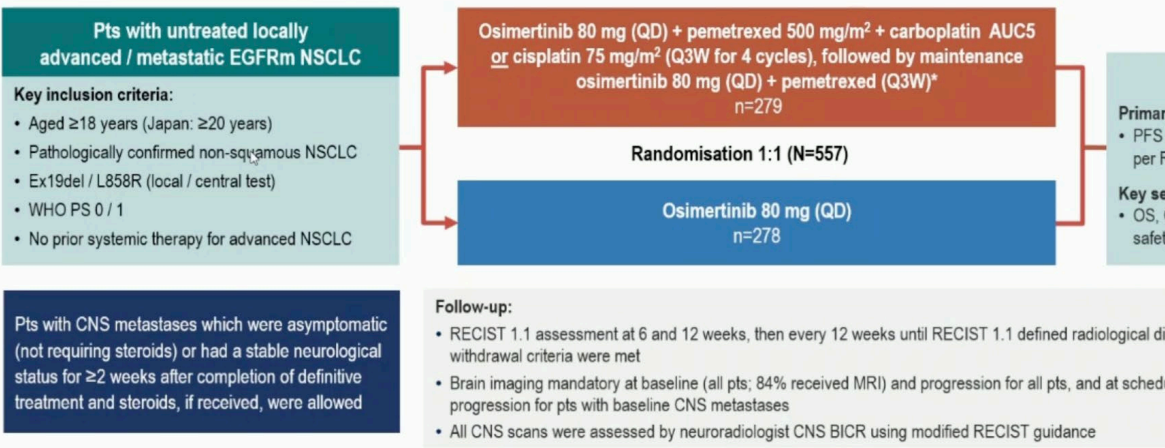
Key exploratory endpoints by CNS BICR (modified RECIST 1.1): CNS PFS, CNS ORR, CNS DoR, CNS DCR and change in CNS tumour size

- **CNS full analysis set (cFAS):** pts with ≥1 measurable (≥10 mm) and / or non-measurable CNS lesion at baseline (osi + CTx n=118; osi mono n=104)
- **CNS evaluable-for-response set (cEFR):** pts with ≥1 measurable (≥10 mm) CNS lesion at baseline (osi + CTx n=40; osi mono n=38)



EGFR - Poblaciones especiales: MTS SNC

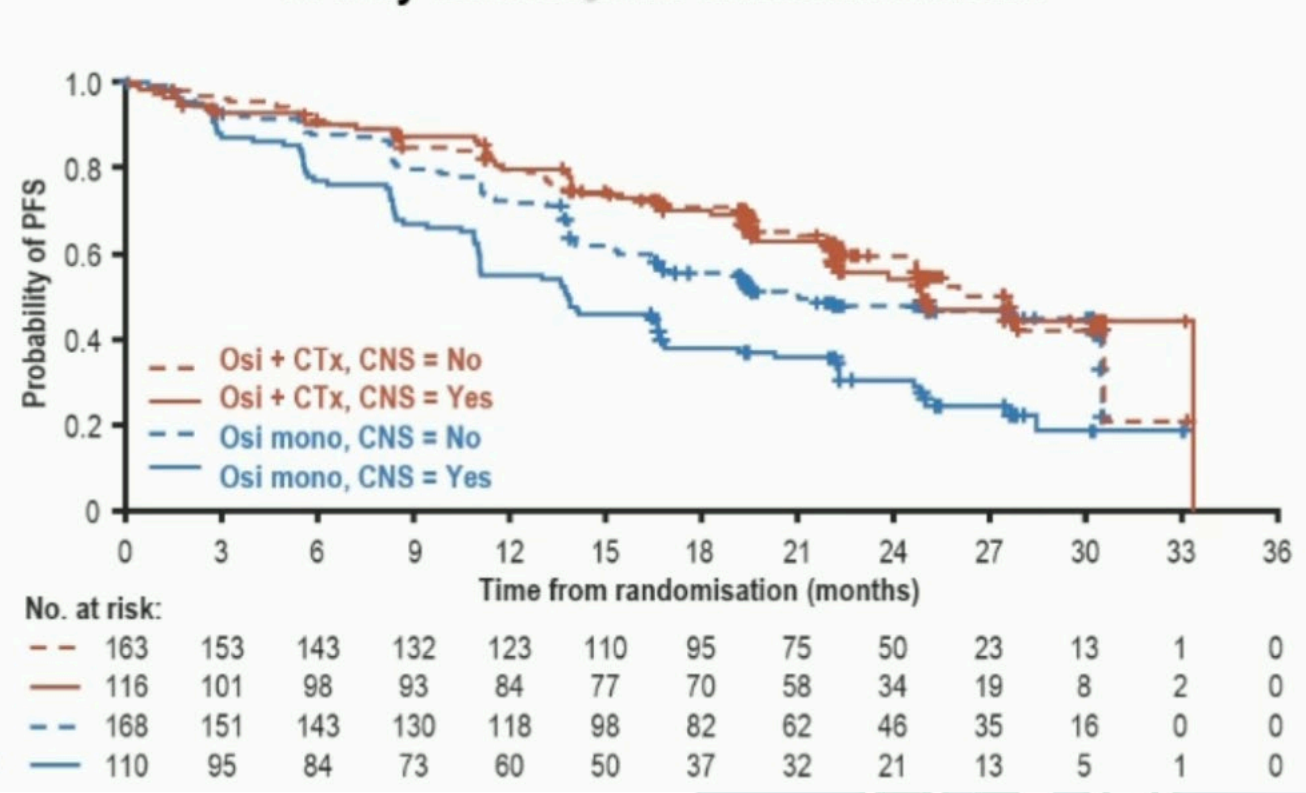
FLAURA 2: Fase 3



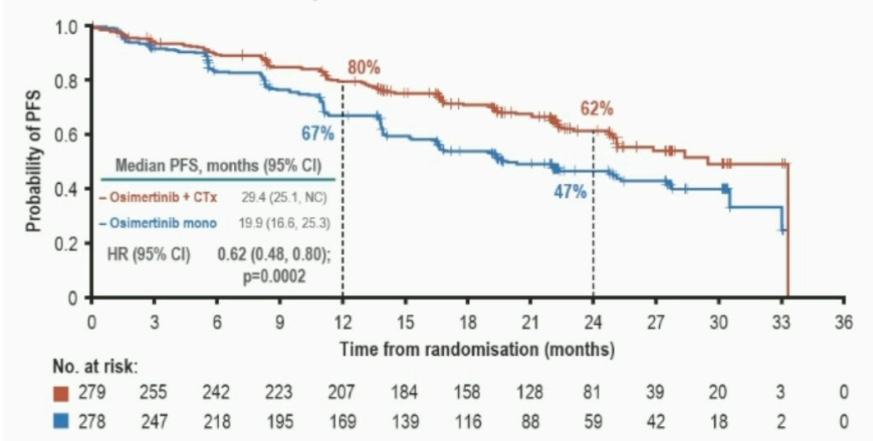
Key exploratory endpoints by CNS BICR (modified RECIST 1.1): CNS PFS, CNS ORR, CNS DoR, CNS DCR and change in C

- **CNS full analysis set (cFAS):** pts with ≥1 measurable (≥10 mm) and / or non-measurable CNS lesion at baseline (osi + CTx n=40; osi mono n=40)
- **CNS evaluable-for-response set (cEFR):** pts with ≥1 measurable (≥10 mm) CNS lesion at baseline (osi + CTx n=40; osi mono n=40)

PFS by baseline CNS metastases status*

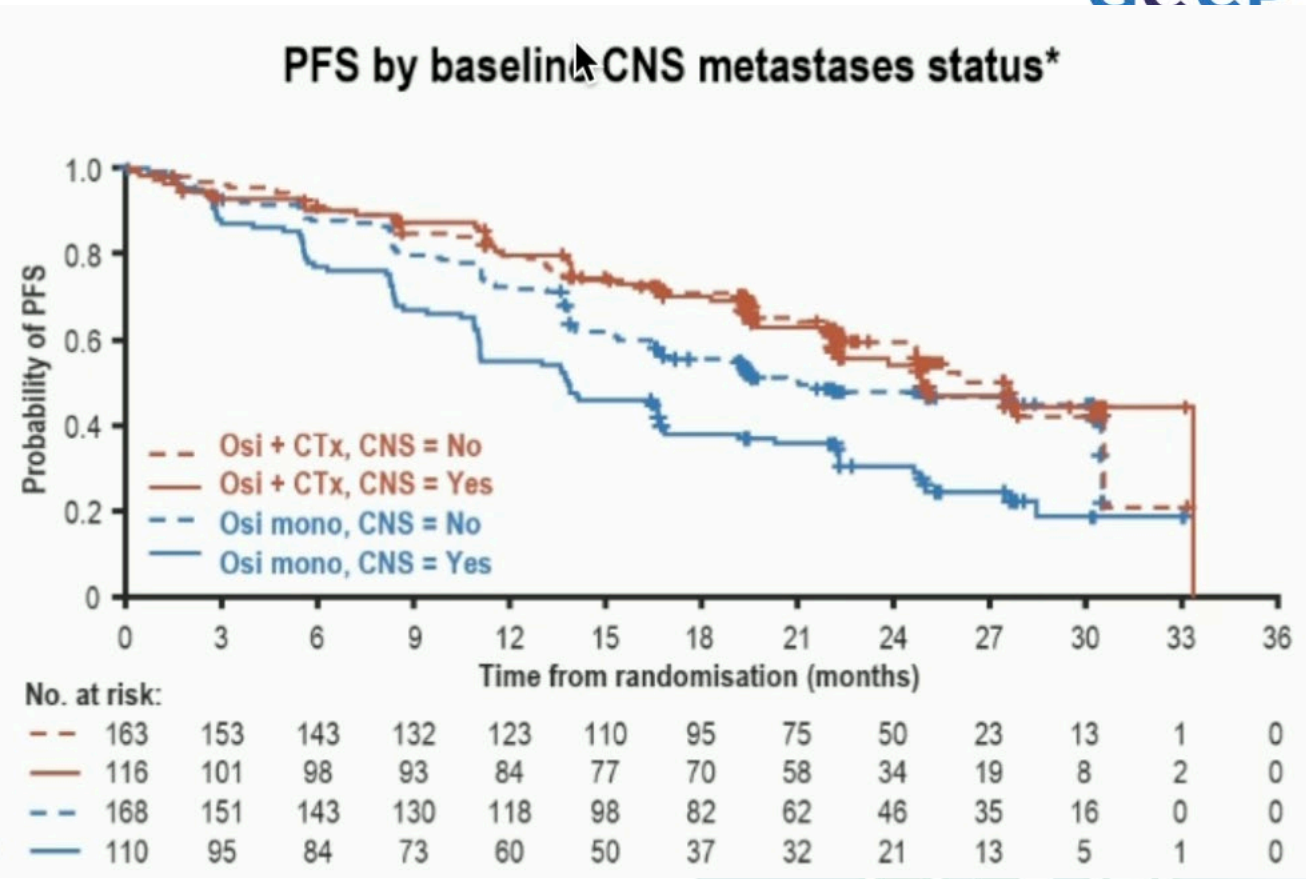
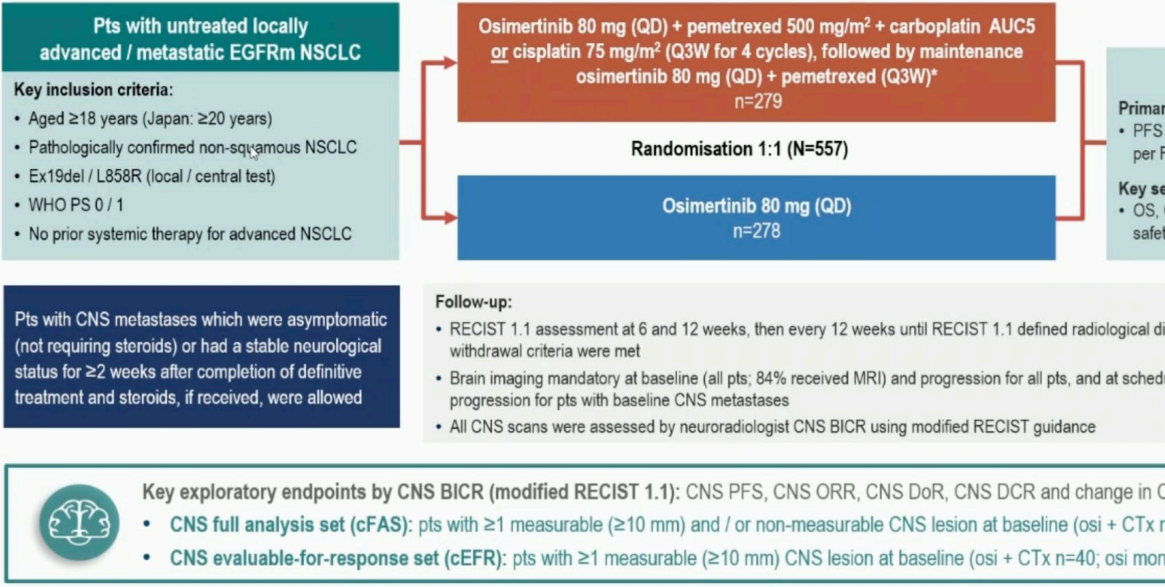


PFS per BICR assessment



EGFR - Poblaciones especiales: MTS SNC

FLAURA 2: Fase 3



CNS response [‡]	cFAS (n=222) Measurable + non-measurable BM		cEFR (n=78) Measurable BM	
	Osi + CTx (n=118)	Osi mono (n=104)	Osi + CTx (n=40)	Osi mono (n=38)
CNS ORR, % (95% CI)	73 (64 to 81)	69 (59 to 78)	88 (73 to 96)	87 (72 to 96)
Complete response, n (%)	70 (59)	45 (43)	19 (48)	6 (16)
Partial response, n (%)	16 (14)	27 (26)	16 (40)	27 (71)
CNS DCR, % (95% CI)	91 (84 to 95)	93 (87 to 97)	95 (83 to 99)	97 (86 to 100)
Median DoR, months (95% CI) [§]	NR (23.8, NC)	26.2 (19.4, NC)	NR (21.6, NC)	20.9 (12.6, NC)

EGFR ex20

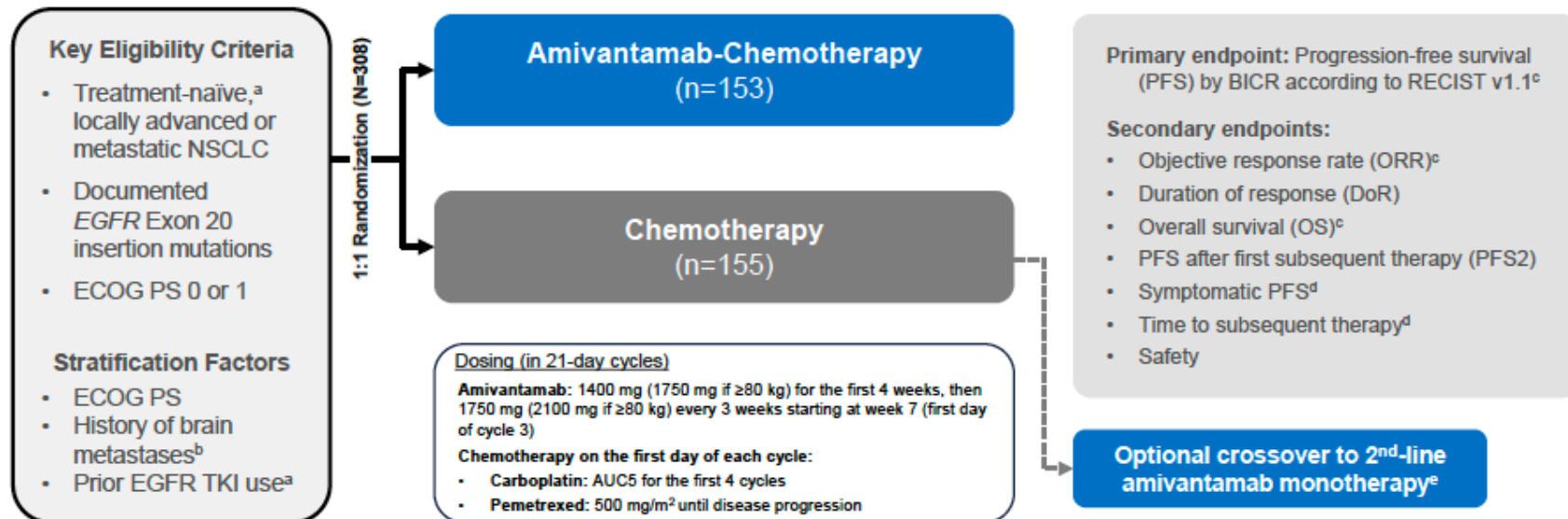
PAPILLON

Amivantamab Plus Chemotherapy vs Chemotherapy as First-line Treatment in EGFR Exon 20 Insertion-mutated Advanced Non-small Cell Lung Cancer (NSCLC)

Primary Results From PAPILLON, a Randomized Phase 3 Global Study

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Study Design



Demographics

Characteristic, n (%)	Amivantamab-Chemotherapy (n=153)	Chemotherapy (n=155)
Median age, years (range)	61 (27–86)	62 (30–92)
Female / male	85 (56) / 68 (44)	93 (60) / 62 (40)
Race ^a		
Asian	97 (64)	89 (59)
White	49 (32)	60 (39)
Other ^b	5 (3)	3 (2)
ECOG PS 0 / 1	54 (35) / 99 (65)	55 (35) / 100 (65)
History of smoking: yes / no	65 (42) / 88 (58)	64 (41) / 91 (59)
History of brain metastases: yes / no	35 (23) / 118 (77)	36 (23) / 119 (77)
Prior EGFR TKI use: yes ^c / no	1 (1) / 152 (99)	3 (2) / 152 (98)
Histology: adenocarcinoma subtype / other ^d	151 (99) / 2 (1)	153 (99) / 2 (1)

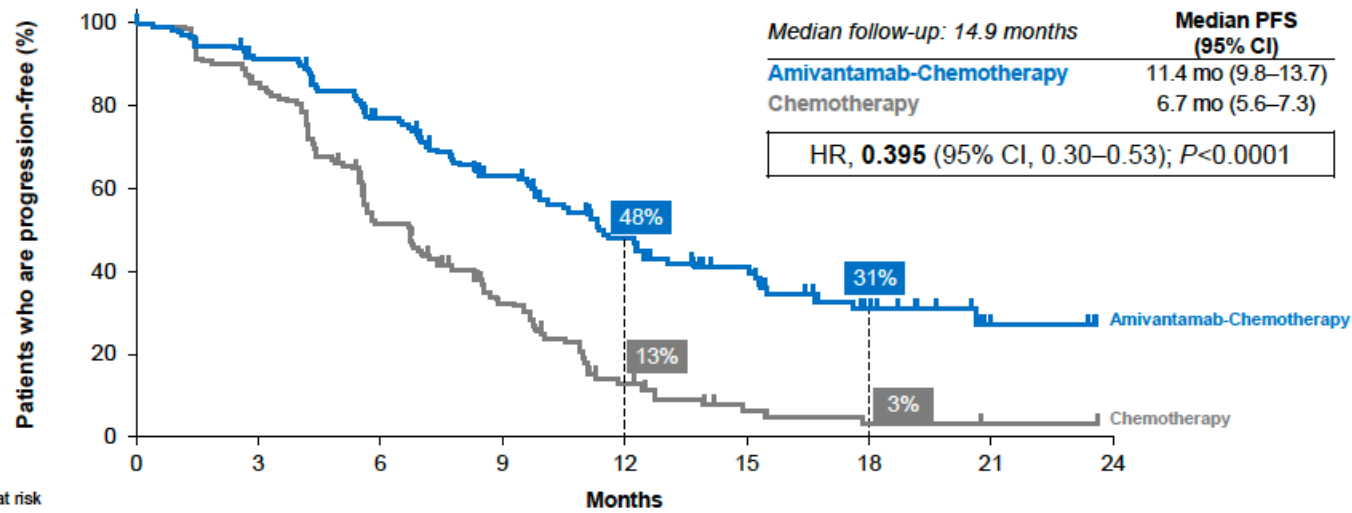
At the time of the analysis:

- 70 p (46%) ongoing vs 24 p (15%) Discontinuation
- PD 50 p (33%) vs 107 p (69%)
- AEs 14 p (9%) vs 14 p (9%)

EGFR ex20

PAPILLON: Eficacia

Primary Endpoint: PFS by BICR



No. at risk

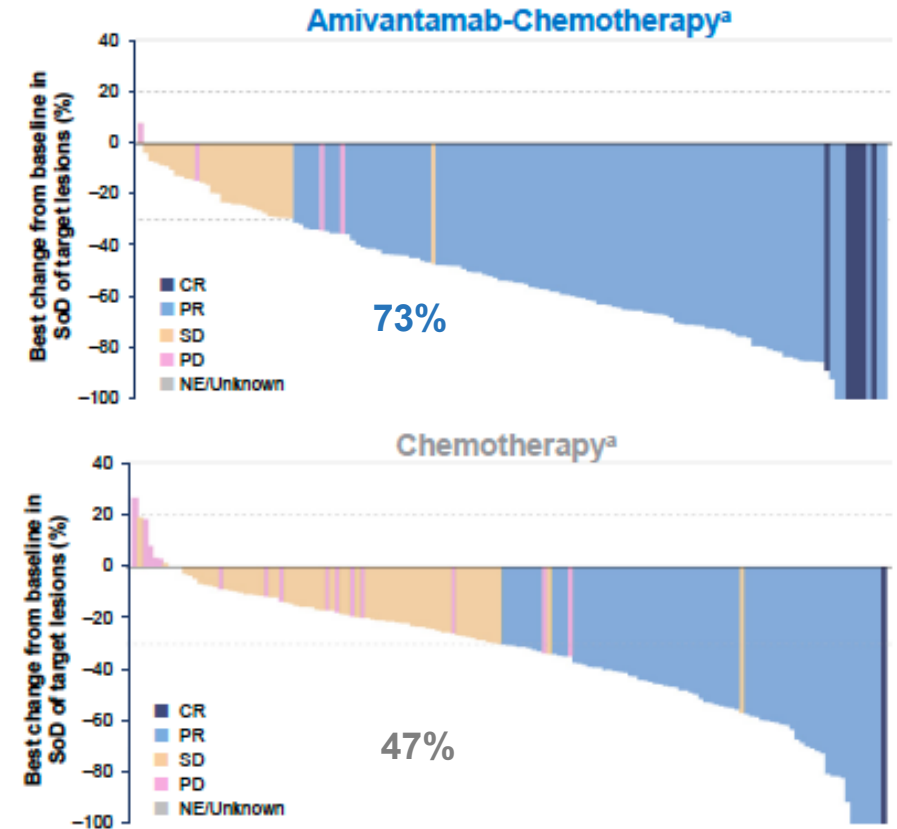
Amivantamab-Chemotherapy	153	135	105	74	50	33	15	3	0
Chemotherapy	155	131	74	41	14	4	2	1	0

Median PFS2

	Median PFS2 (95% CI)
Amivantamab-Chemotherapy	NE (22.8–NE)
Chemotherapy	17.2 mo (14.0–21.5)

HR, **0.493** (95% CI, 0.32–0.76); $P = 0.001^b$

ORR



DoR 9.7 vs 4.4 m

EGFR ex20

PAPILLON: Efectos adversos

	Amivantamab-Chemotherapy (n=151)	Chemotherapy (n=155)
Median treatment duration, months (range)	9.7 (0.1–26.9)	6.7 (0–25.3)
No. of chemotherapy cycles, median (range)		
Carboplatin	4 (1–4)	4 (1–5)
Pemetrexed	13 (1–34)	10 (1–37)

Treatment-emergent AEs, n (%)	Amivantamab-Chemotherapy (n=151)	Chemotherapy (n=155)
Any AEs	151 (100)	152 (98)
Grade ≥3 AEs	114 (75)	83 (54)
Serious AEs	56 (37)	48 (31)
AEs leading to death	7 (5)	4 (3)
Any AE leading to treatment:		
Interruptions of any agent	104 (69)	56 (36)
Related interruptions of amivantamab	63 (42)	–
Reductions of any agent	73 (48)	35 (23)
Related reductions of amivantamab	54 (36)	–
Discontinuations of any agent	36 (24)	16 (10)
Related discontinuations of amivantamab	10 (7)	–
Discontinuations of all study agents due to AEs	12 (8)	12 (8)

Most common AEs of any cause by preferred term (≥20%), n (%)	Amivantamab-Chemotherapy (n=151)		Chemotherapy (n=155)	
	All grades	Grade ≥3	All grades	Grade ≥3
Associated with EGFR inhibition				
Paronychia	85 (56)	10 (7)	0	0
Rash	81 (54)	17 (11)	12 (8)	0
Dermatitis acneiform	47 (31)	6 (4)	5 (3)	0
Stomatitis	38 (25)	2 (1)	9 (6)	0
Diarrhea	31 (21)	5 (3)	20 (13)	2 (1)
Associated with MET inhibition				
Hypoalbuminemia	62 (41)	6 (4)	15 (10)	0
Peripheral edema	45 (30)	2 (1)	16 (10)	0
Other				
Neutropenia	89 (59)	50 (33)	70 (45)	35 (23)
Anemia	76 (50)	16 (11)	85 (55)	19 (12)
Infusion-related reaction	63 (42)	2 (1)	2 (1)	0
Constipation	60 (40)	0	47 (30)	1 (1)
Leukopenia	57 (38)	17 (11)	50 (32)	5 (3)
Nausea	55 (36)	1 (1)	65 (42)	0
Thrombocytopenia	55 (36)	15 (10)	46 (30)	16 (10)
Decreased appetite	54 (36)	4 (3)	43 (28)	2 (1)
Alanine aminotransferase increased	50 (33)	6 (4)	56 (36)	2 (1)
Aspartate aminotransferase increased	47 (31)	1 (1)	51 (33)	1 (1)
COVID-19	36 (24)	3 (2)	21 (14)	1 (1)
Hypokalemia	32 (21)	13 (9)	13 (8)	2 (1)
Vomiting	32 (21)	5 (3)	29 (19)	1 (1)

Neumonitis 3% en Ami+ChT



EGFR - Poblaciones especiales: Mutaciones no comunes

ARCHILLES/TORG1834: Fase 3

Study design ~ACHILLES/TORG1834~

Key inclusion criteria

Locally advanced/metastatic Non-Sq NSCLC
 ≥20 years
 ECOG performance status 0 / 1
 Sensitizing uncommon mutation*
 No prior systemic anticancer /EGFR-TKI therapy
 Stable CNS metastases allowed

* Uncommon/Compound EGFR mutations without exon 20 insertions and de-novo T790M mutations

Stratification factors
 Mutation status (Single vs Compound)
 Stage (III/IV vs Recurrence)
 CNS metastasis (Yes vs No)
 Afatinib dose (30 mg vs 40 mg)

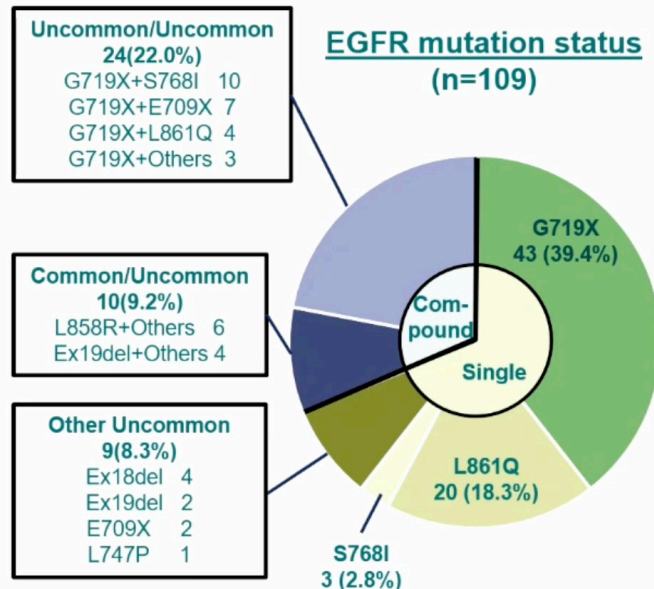
Clinical trial information: JRCTs031180175

** Cisplatin 75 mg/m² or carboplatin (AUC 5 or 6) and pemetrexed (500 mg/m²), followed by pemetrexed maintenance therapy every 3 weeks.

*** A 30 mg dose of afatinib could be selected for elderly/frail patients as a starting dose before randomization



Primary endpoint: Progression free survival (PFS) assessed by investigators



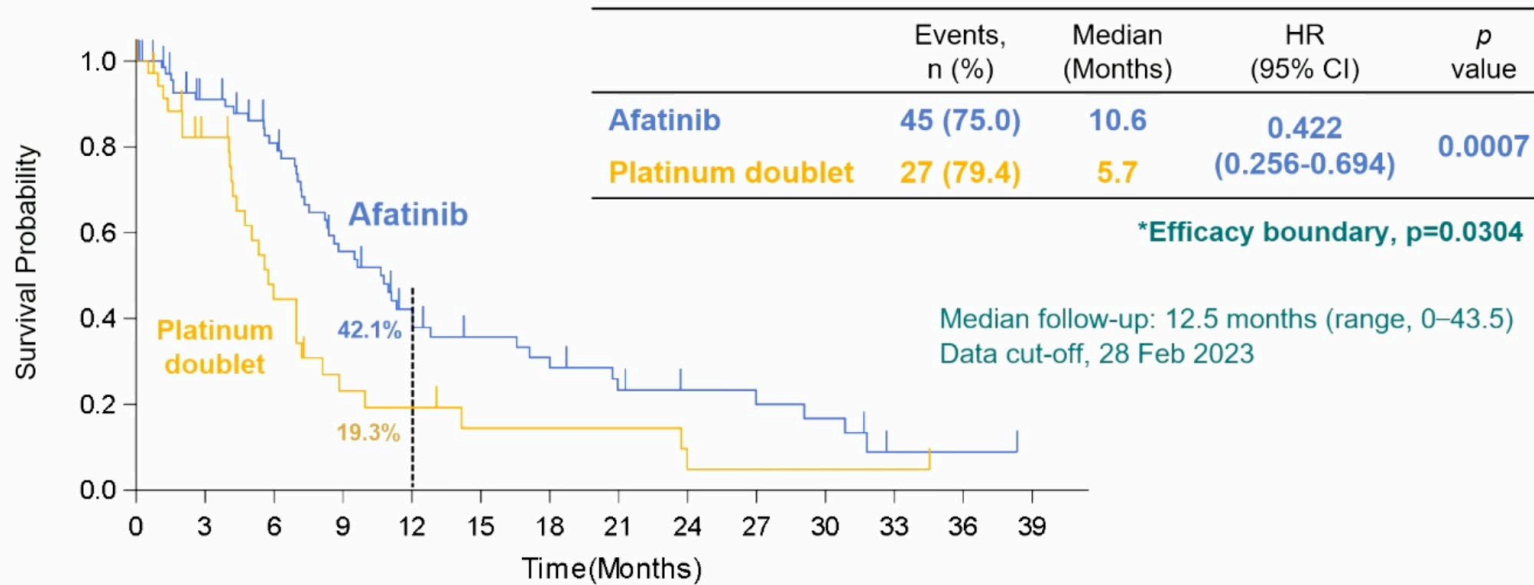
Characteristics		Afatinib (n=73)	Platinum Doublet (n=36)
Age	Median (range)	71.0 (49-83)	66.5 (42-77)
	≥ 75 years old	19 (26.0%)	5 (13.9%)
Gender	Male	32 (43.8%)	16 (44.4%)
	Female	41 (56.2%)	20 (55.6%)
ECOG performance status	0	32 (43.8%)	16 (44.4%)
	1	41 (56.2%)	20 (55.6%)
Smoking status	Never	38 (52.1%)	13 (36.2%)
	Current	8 (11.0%)	6 (16.7%)
	Former	27 (37.0%)	17 (47.2%)
Stage*	III/IV	55 (75.3%)	29 (80.6%)
	Recurrence	18 (24.7%)	7 (19.4%)
EGFR mutation status*	Single	50 (68.5%)	25 (69.4%)
	Compound	23 (31.5%)	11 (30.6%)
CNS metastasis*	No	50 (68.5%)	25 (69.4%)
	Yes	23 (31.5%)	11 (30.6%)
Afatinib starting dose*	30 mg	37 (50.7%)	19 (52.8%)
	40 mg	36 (49.3%)	17 (47.2%)



EGFR - Poblaciones especiales: Mutaciones no comunes

ARCHILLES/TORG1834: Fase 3

Primary endpoint: Progression-Free Survival



	0	3	6	9	12	15	18	21	24	27	30	33	36	39
Afatinib	73	57	46	30	20	15	13	9	7	6	5	1	1	0
Platinum Doublet	36	25	13	6	5	3	3	3	1	1	1	1	0	0

HR: Hazard ratio

ORR

Afatinib 43 (61.4%)
ChT 16 (47.1%)
p=0.2069



- **MARIPOSA: Ami + Lazertinib en pacientes EGFR+ en 1ª línea**
 - Mejor mPFS
 - Mayor toxicidad
- **MARIPOSA 2: Ami +ChT**
 - Mejor mPFS
 - Mayor toxicidad (mayor si Lazertinib)
- **TROPION-Lung 05: Datopotanab Deruxtecan**
 - Buena actividad a la progresión a Osimertinib
- **FLAURA 2: MTS SNC Osi + Cht 1L**
 - Mayor eficacia que osimertinib
- **PAPILLON: Ami + ChT beneficio en PFS, ORR, DoR en 1L ex20**
- **Afatinib superior a quimioterapia en mutaciones no comunes**



Gracias!

